

ORIGINAL

R-0360-01-B
RECEIVED

OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION
Fountain Square
Columbus, Ohio 43224

JUL 23 1987
DIVISION OF
RECLAMATION
ST. CLAIRSVILLE

APPLICATION TO REVISE A COAL MINING PERMIT

1. Permittee's Name The Nacco Mining Company Phone # (614) 926-1351
2. Address 56854 Pleasant Ridge Road, Alledonia, Ohio 43902
please address all questions to L. Watson, 12800 Shaker Blvd., Cleveland, Ohio 44120
3. Permit No. D-0360
4. Section of mining and reclamation plan to be revised:
Part 3, E(2)
Describe the plan for the control of surface water drainage into, through, and out of the proposed permit area.
5. Describe in detail the proposed revision and submit any necessary drawings, plans, maps, etc.:
The Nacco Mining Company proposes to direct drainage from Sediment pond No. 8 directly to the receiving stream. Water from this pond is currently directed to the clean coal pile pond and treated, if necessary, prior to being discharged to Captina Creek.
6. Describe in detail the reason for requesting the revision:
The quality of the water in pond No. 8 is typically within the effluent guidelines and standards promulgated by the EPA. (see analysis attached), and does not require treatment prior to discharge.
7. Will this revision adversely affect the area outside the permit area?
 Yes X No
8. Will this revision alter the final land use?
 Yes X No
9. Will this revision alter the final land configuration?
 Yes X No

(Continued)

RECEIVED
JUL 20 1987
DIVISION OF
RECLAMATION

10. Will this revision delay contemporaneous reclamation due to a change in the mining method?

 Yes X No

11. If the applicant answered "Yes" to any of items 7 through 10, complete the following items.

12. In the space below give the name and address of the newspaper in which the public notice is to be published?

13. In the space below give the text of the public notice that is to be published.

14. In the space below give the name and address of the public office where this application is to be filed for public viewing.

Signature Fred R. Miller, Sr.
Title President / Mine Manager

(FOR DIVISION USE ONLY)

This request is hereby approved.

07/30/87
Date

Larry A. Mammone
Chief, Division of Reclamation

R-0360-2

NACCO NO. 6, NO. 8 POND

<u>Date</u>	<u>pH</u> <u>S.U.</u>	<u>TSS</u> <u>mg/l</u>	<u>Fe</u> <u>mg/l</u>	<u>Mn</u> <u>mg/l</u>	<u>Cond</u> <u>uMHOS</u>	<u>Acidity</u> <u>CaCO₃</u> <u>mg/l</u>	<u>Alkalinity</u> <u>CaCO₃</u> <u>mg/l</u>
12/05/85	7.8	6	0.25	0.50	-	-	-
12/18/85	7.8	0	0.26	0.31	-	-	-
04/02/86	7.7	3	0.15	0.17	1013.6	-	-
04/16/86	7.8	2	0.34	0.17	1103.6	-	-
05/04/86	7.3	-	0.09	0.03	-	-	-
05/22/86	7.2	-	0.43	0.01	-	-	-
06/04/86	7.8	-	0.04	0.01	-	-	-
06/18/86	7.7	-	0.06	0.03	-	-	-
07/16/86	7.8	-	0.23	0.06	-	-	-

THE NACCO MINING COMPANY

12800 SHAKER BOULEVARD

CLEVELAND, OHIO 44120

March 17, 1986

Mr. Larry Mamone, Chief
Division of Reclamation
Ohio Department of Natural Resources
Fountain Square, Building B
Columbus, Ohio 43224

Dear Mr. Mamone:

The Nacco Mining Company, which owns and operates the Powhatan No. 6 Mine, requests variance approval from the sedimentation pond requirements in 1501:13-9-04 of the Ohio Administrative Code be granted at its 10.0 acre Air Shaft No. 5 site. The site will be paved with a durable, non-eroding material, and all surface drainage will be maintained with appropriate grass line diversion ditches.

Very truly yours,

THE NACCO MINING COMPANY

Louise Watson
Louise Watson
Permit Coordinator

LW:ab

APPROVED <input checked="" type="checkbox"/>
DISAPPROVED <input type="checkbox"/>
DATE: <u>5-27-86</u>
SIGNED <u>Larry W. Mamone</u> Chief

D 0360

TOVCC 07254

THE NACCO MINING COMPANY

56854 PLEASANT RIDGE RD.
ALLEDONIA, OHIO 43902
(614) 926-1351

March 20, 1986

Mr. Larry Mamone, Chief
Division of Reclamation
Ohio Department of Natural Resources
Fountain Square, Building B
Columbus, Ohio 43224

Dear Mr. Mamone:

The NACCO Mining Company, owner and operator of the Powhatan No. 6 Mine, hereby respectfully requests a buffer zone variance at its proposed No. 5 Airshaft on State Route 9.

The unnamed tributary of Anderson Run is an intermittent stream near the site. NACCO will be constructing a temporary pond within 100 feet of this intermittent stream. The pond will receive drill cuttings during the drilling of the pilot hole for the proposed airshaft.

During this construction phase, silt fence will be maintained at the perimeter of the disturbed areas. All water discharges from the pond will be monitored for appropriate effluent limitations.

Following completion of the pilot hole the small pond will be removed and the area will be regraded, seeded and mulched. The silt fence will be removed when the vegetation is well established and there is no danger of siltation from erosion of the hillside.

Very truly yours,

APPROVED <input checked="" type="checkbox"/>	THE NACCO MINING COMPANY
DISAPPROVED <input type="checkbox"/>	Powhatan No. 6 Mine
DATE: <u>5-27-86</u>	<i>Wm. James Shank</i>
SIGNED <i>Larry W. Mamone</i>	Louise Watson Permit Coordinator

LW:crm

D 0360

TOVCC 07255

THE NACCO MINING COMPANY
POWHATAN NO. 6 MINE
PERMIT NO. D-0360

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AIRSHAFT NO. 3

AIRSHAFT NO. 4

UNDERGROUND WORKINGS MAP

INCIDENTAL BOUNDARY REVISION - POWER SUBSTATION

INCIDENTAL BOUNDARY REVISION - AIRSHAFT NO. 2

#6 - Describe the reason this additional acreage is needed:

The Powhatan Mine No. 6 is an underground operation removing and processing coal from the Pittsburgh No. 8 seam. Operations were begun in 1969. The 0.8 acres described herein is the site of the No. 2 Airshaft. The airshaft was originally in use in 1974. Active use of the site has been discontinued, however, and at this time Nacco proposes to maintain the site on a stand-by basis. The airshaft is located (see map, page 5) at the edge of an abandoned section of the underground development which is juxtaposed by an undeveloped area of the coal reserves. In the future, Nacco proposes to extend workings into this undeveloped section; and, at that time this airshaft again would be utilized for ventilation. Presently, however, the shaft has been sealed.

34.00 PAID

334 PAGE 000

100112

RECORDED

Know all Men by these Presents

That

MARY D. KOTERA AND FRANCIS E. KOTERA, HER HUSBAND,
Route 1 - Beckleigh Addition
St. Clairsville, Ohio 43950

TAX MAP TRANSFER
By R. J. BOCCABELLA
County Belmont
R. J. BOCCABELLA

~~xxxx~~

~~xx~~

County of Belmont

~~xxxxxx~~

Grantors, in consideration of the sum of

One Dollar (\$1.00)

to them paid by THE NACCO MINING COMPANY
12800 Shaker Boulevard
Cleveland, Ohio 44120

~~xxxxxx~~

~~xxxx~~

~~xxxxxx~~

~~xxxxxx~~

Grantee, the receipt whereof is hereby

acknowledged, do hereby grant, bargain, sell and convey to the said
Grantee, THE NACCO MINING COMPANY,

its successors

~~xxxx~~

and assigns forever, the

following Real Estate situated in the County of Belmont

in the State of Ohio, and in the Township of

Washington

and bounded and described as follows:

Situated in the Township of Washington, County of Belmont, and State of Ohio, and being part of Section 27, Township 5, Range 4, and described as follows:

Beginning at a white oak tree, which is the northeast corner of Section 27;

Thence, along the North line of Section 27, North 86° 46' 14" West 1309.40 feet to a stone.

Thence, along the Quarter Section Line Fence South 3° 46' 50" West 1067.76 feet to a point.

Thence, South 41° 27' 07" East 348.60 feet to a point.

Thence, South 86° 40' 59" East 1063.79 feet to a point on the east line of Section 27.

Thence, along the East Line of Section 27 North 3° 41' 54" East 1317.25 feet to the white oak tree, which is the Northeast Corner of Section 27, and the True Point of beginning containing 38.89 Acres.

The intent herein is to convey a tract of land that was originally the Northeast Quarter of the Northeast Quarter of Section 27, excepting a 3/4 Acre tract at the Southwest Corner of the original tract.

Excepting all coal below the 8-A or 4 foot vein of coal together with the mining rights as previously conveyed.

Being the same premises conveyed by Julia R. Thomas, Administratrix of the Estate of James L. Kotera, to Mary D. Kotera, by Deed dated February 19, 1965, and recorded in Deed Book 481, Page 278, Belmont County Deed Records; and conveyed by Gus Thomas, et al., to Mary D. Kotera, by Deed dated February 19, 1965, and recorded in Deed Book 481, Page 277, of said Deed Records.

Last Transfer: Deed Record Volume , Page

To have and to hold *said premises, with all the privileges and appurtenances thereunto belonging, to the said Grantee, THE NACCO MINING COMPANY,*

its successors ~~XXXXX~~ *and assigns forever.*

And the said Grantors, MARY D. KOTERA AND FRANCIS E. KOTERA, HER HUSBAND,

for themselves and their heirs

do hereby covenant with the said Grantee, THE NACCO MINING COMPANY,

its successors

~~XXXX~~ *and assigns, that they are lawfully seized of the premises aforesaid; that the said premises are Free and Clear from all Incumbrances whatsoever*

Belmont Co. Record of -
VOL 534 PAGE 858
OCT 24 3 03 PM '72
RECORDED OCT 25 1972
NICK MUNAS
RECORDER

and that they will forever Warrant and Defend the same with the
 appurtenances, unto the said Grantee, THE NACCO MINING COMPANY,
 its successors ~~XXXX~~ and assigns
 against the lawful claims of all persons whomsoever

In Witness Whereof the said Grantor s, MARY D. KOTERA AND FRANCIS
 E. KOTERA, HER HUSBAND,

who hereby release their respective rights of dower in the premises, have
 hereunto set their hands this 19th day of October
 in the year of our Lord one thousand nine hundred and seventy-two (1972).

Signed and acknowledged in presence of

Carter Thornburg
Notary Public

Francis E. Kotera
Mary D. Kotera

TRANSFERRED

FEE PAID 35

OCT 24 1972

CONVEYANCE EXAMINED AND
 SECT. 319.202 R.C. COMPLIED
 WITH FEE PAID 72.00
 H. O. HALL, AUDITOR
B. Rye CITY

The State of OHIO
 BELMONT County } SS.

Be it Remembered That on this 19th day
 of October A.D. 1972, before me, the subscriber,
 a Notary Public in and for said county, personally came the
 above named MARY D. KOTERA AND FRANCIS E. KOTERA, HER HUSBAND,

the Grantor s

in the foregoing Deed, and acknowledged the signing of the same to be their
 voluntary act and deed for the uses and purposes therein mentioned.

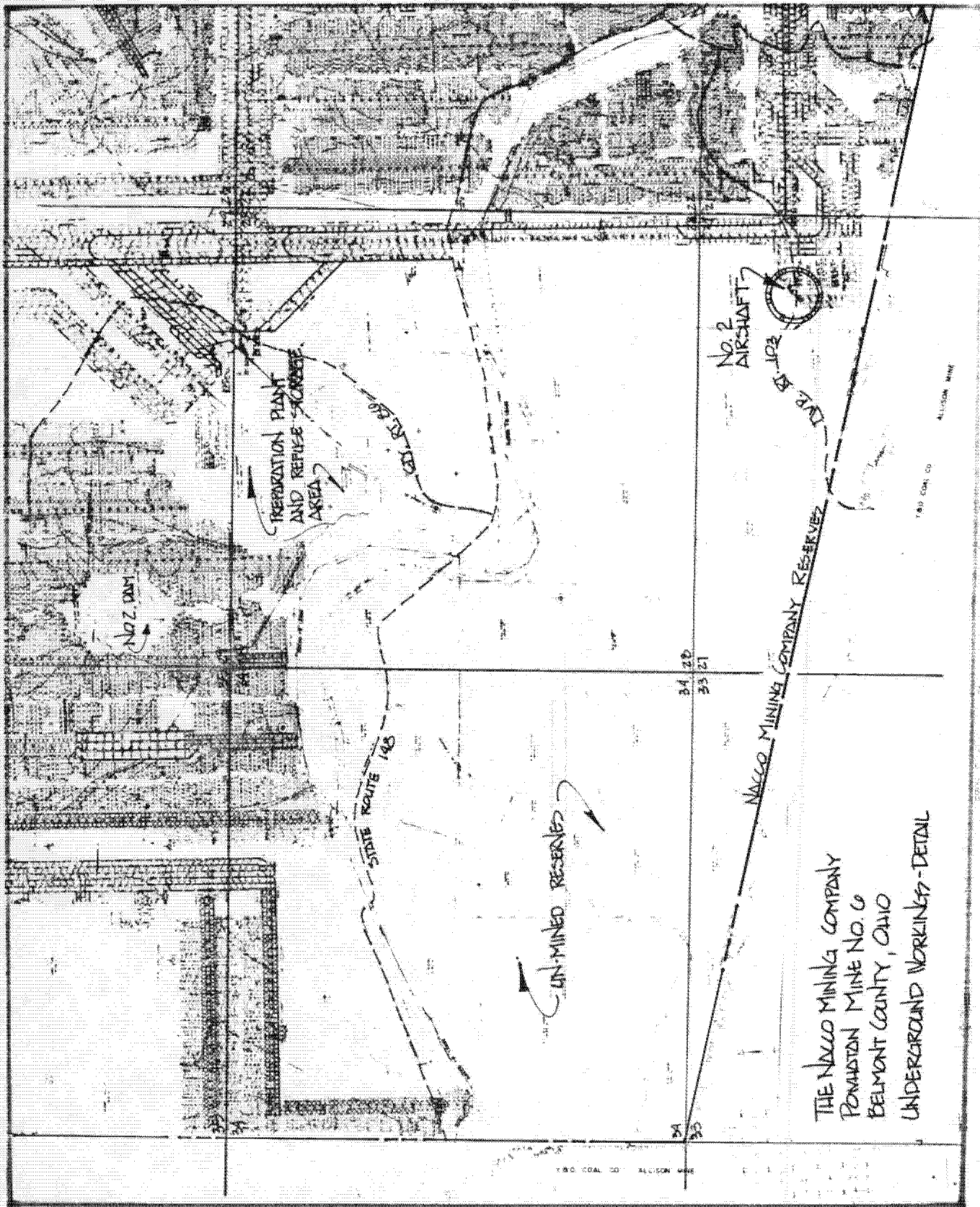
In Testimony Whereof, I have hereunto
 subscribed my name and affixed my official seal on

CARTER THORNBURG, ATTORNEY AT LAW
 Notary Public - State of Ohio
 My Commission has no Expiration Date
 Section 147.03 R.C.

the day and year last aforesaid.

Carter Thornburg
 Notary Public

This instrument prepared by Carter Thornburg, Attorney at Law
 St. Clairsville, Ohio - 43950



OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

ATTACHMENT 16
(NEGATIVE DETERMINATION OF PRIME FARMLAND)

APPLICANT THE NACCO MINING COMPANY

This attachment is to be completed and submitted with the permit application if the applicant is demonstrating that the permit area or a portion of the permit area is not prime farmland. Check () the appropriate item numbers and attach the documents used to make the demonstration.

- ☒ 1. Lands within the proposed permit area have not been historically used for cropland.
- ☐ 2. The slope of the land within the proposed permit area is greater than eight per cent.
- ☐ 3. Other factors exist within the proposed permit area such as a very rocky surface or frequent flooding.
- ☐ 4. On the basis of a second order soil survey meeting the standards of the National Cooperative Soil Survey there are no soil map units within the proposed permit area that have been designated prime farmland by the U.S. Soil Conservation Service.

THE NACCO MINING COMPANY
POWHATAN MINE NO. 6
INCIDENTAL BOUNDARY REVISION
2-NORTH AIRSHAFT

PRIME FARMLAND DETERMINATION

The area of interest has been utilized by the applicant as an airshaft site since 1974. The deed indicates that the property was obtained in 1972. It has not been used for farming since that time. Included also is a photocopy of the Soil Conservation Service map where the area is described as Ud-Udorthents-Urban Land Complex. This would include that the site has not been used as farmland since at least 1978. Thus the site has not been historically used for cropland as defined in 1501:13-1-02 (BB) of the Administrative Code.

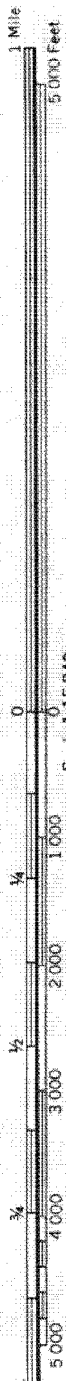
THE NACCO MINING COMPANY
POWHATAN NO. 6 MINE
INCIDENTAL BOUNDARY REVISION
2-NORTH AIRSHAFT

PRIME FARMLAND DETERMINATION

The area of interest has been utilized by the applicant as an airshaft site since 1974. The deed indicates that the property was obtained by The Nacco Mining Company in 1972. Included also is a photocopy of the Soil Conservation Service map where the area is described as Ud-Udorthents-Urban Land Complex. This would conclude that the site has not been used as cropland since at least 1978. Thus the site has not been historically used for cropland as defined in 1501:13-1-02 (BB) of the Administrative Code.

Further, the site has a slope of 10% (see attached map) which also precludes it from prime farmland status.

Per Division Advisory Memo No. 1, May 17, 1984, the SCS will not become involved in the permitting process unless the land within the the permit area has a slope of 8% or less and has been historically used for cropland.



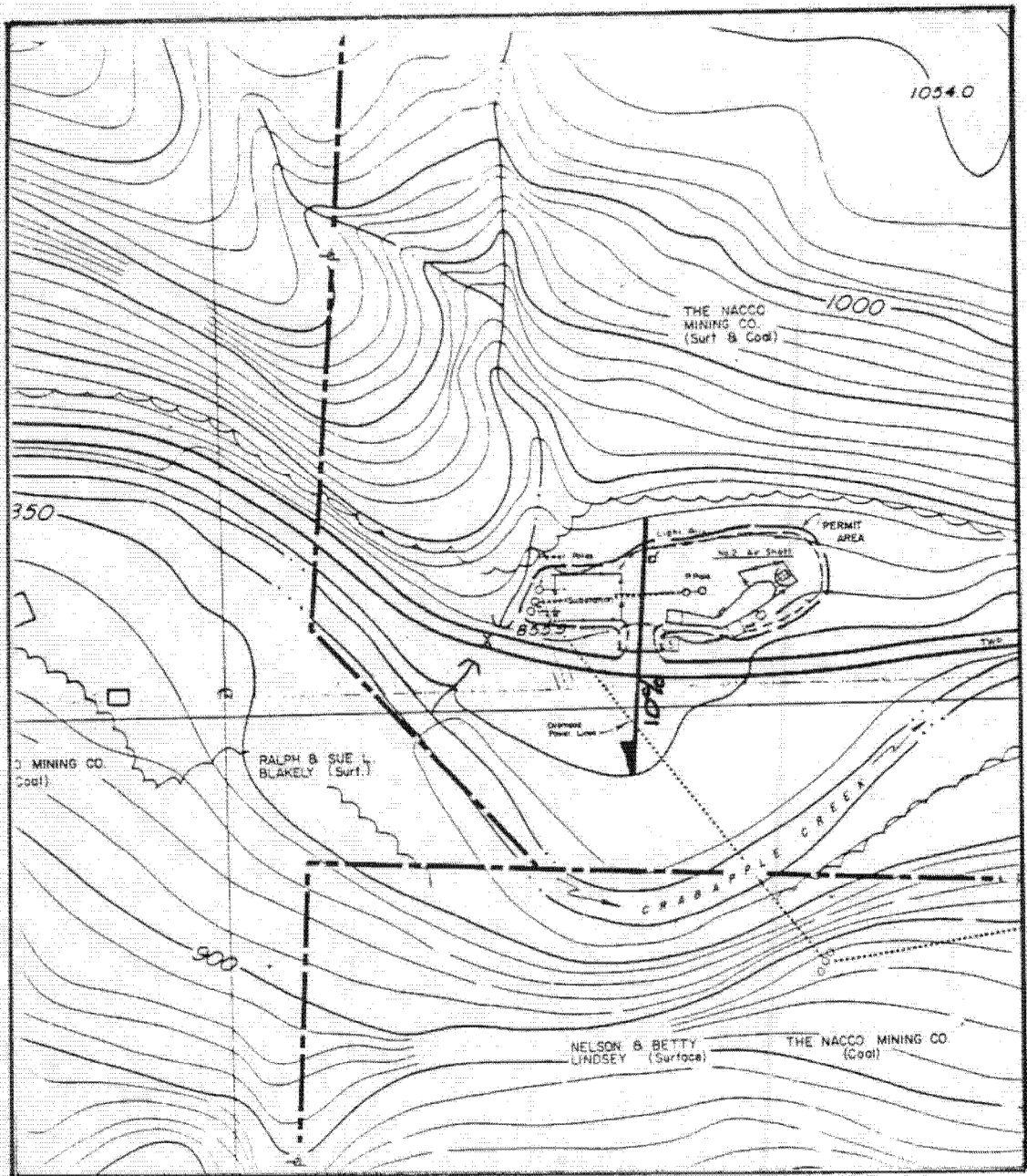
OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF RECLAMATION

ATTACHMENT 16
(NEGATIVE DETERMINATION OF PRIME FARMLAND)

APPLICANT The Nacco Mining Company, Powhatan No. 6 Mine

This attachment is to be completed and submitted with the permit application if the applicant is demonstrating that the permit area or a portion of the permit area is not prime farmland. Check (X) the appropriate item numbers and attach the documents used to make the demonstration.

- ☒ 1. Lands within the proposed permit area have not been historically used for cropland.
- ☒ 2. The slope of the land within the proposed permit area is greater than eight per cent.
- ☐ 3. Other factors exist within the proposed permit area such as a very rocky surface or frequent flooding.
- ☐ 4. On the basis of a second order soil survey meeting the standards of the National Cooperative Soil Survey there are no soil map units within the proposed permit area that have been designated prime farmland by the U.S. Soil Conservation Service.



WASHINGTON TOWNSHIP, BELMONT COUNTY, OHIO

SCALE 1"=200'
CONTOUR INT=10'

THE NACCO MINING CO.
POWhatan No. 6 MINE
NUMBER 2 AIRSHAFT
NEGATIVE PRIME FARMLAND
DETERMINATION

VALID EXISTING RIGHTS
FROM
THE NACCO MINING COMPANY PERMIT D-0360

VALID EXISTING RIGHTS

The Nacco Mining Company was created as a wholly owned subsidiary of The North American Coal Corporation in 1969. Property rights of Nacco were obtained through the conveyances, fee purchases and lease acquisitions sited in Part I, Item C(1) of this Coal Mining and Reclamation Permit Application.

These property acquisitions establish Nacco's right to remove all of the coal in the Pittsburgh Number 8 seam within the reserves area of the Powhatan No. 6 Mine. Also acquired were surface tracts within Washington Township of Belmont County where the support facilities for this mine have been constructed. These surface tracts were acquired within these locations with the intent of situating all preparation plant and transport facilities that would be necessary to fully implement the coal production system planned for this mine site.

On April 16, 1969 Nacco entered into a Coal Sales Agreement with The Cleveland Electric Illuminating Company. This agreement outlines the financial commitments of the loan participants as well as the coal production systems of Nacco necessary for the development of the project.

Actual production of coal tonnages can be verified by Mining Informational Services Keystone Coal Industry Manual. An abbreviated copy of the 1972 edition of this report is included in Appendix IV. The manual documents that a total of 665,058 tons of coal were produced at the Powhatan No. 6 Mine of Nacco Mining Company during that year.

On January 4, 1977, the United States Department of Interior, Mining Enforcement and Safety Administration contacted the Powhatan No. 6 Mine to acknowledge the approval of the dust control plan which had been submitted by Nacco earlier that year. Similarly, on December 12, 1975, the same governmental agency again contacted Nacco approving the dust control plan submitted for this mine.

On July 25, 1972, the Belmont County, Ohio Health Department approved the Detail Plans of Coal Washing Plant for The Nacco Mining Company. In addition, on March 21, 1975, The Ohio Environmental Protection Agency notified The Nacco Mining Company that a public hearing was to be held concerning NPDES Permit No. L046*AD. This permit was issued and effective on June 30, 1975. Copies of these documents are contained in Appendix IV.

A significant requirement for approval by MESA is that the plan, as outlined, must be implemented and demonstrate that the control methods specified by the plan cause the facility to meet or exceed all limitations as required by MESA. The dust control plan has been in full force and effect continuously since its initial approval in 1975.

These documents all serve to establish that The Nacco Mining Company has a valid existing right to occupy lands now affected by the mining activities and support facilities of Powhatan No. 6 Mine as it applies to the mining prohibitions in Section 1501:13-3-03 of The Ohio Administrative Code.

U.S. COAL PRODUCTION BY COMPANY . . . 1972

Bituminous Anthracite Lignite

Producers of 100,000 tons or more
Arranged by affiliated groups

Published by Mining Informational Services
KEYSTONE COAL INDUSTRY MANUAL

A McGraw-Hill Publication
1221 Avenue of the Americas, New York, N.Y. 10020 U.S.A.

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4. Pittston Co.	8,911,325	
Clinchfield Coal Div. (Va.)	523,079	
Amigo Smokeless Coal Co. (W. Va.)	710,591	
Clinchfield Coal Div. Fairmont Div. (W. Va. closed 1972)	1,509,976	
Kentland Elkhorn Coal Corp.	2,388,736	
Jewell Ridge Coal Corp. (Va.)	979,347	
Badger Coal Co. (W. Va.)	1,393,245	
Sewell Coal Co. (W. Va.)	1,199,468	
Eastern Coal Corp. (Ky. E.)	1,024,853	
Buffalo Mining Co. (W. Va.)	1,147,015	
Ranger Fuel Corp. (W. Va.)	686,516	
Elkay Mining Co. (W. Va.)	182,869	20,639,020
Snap Creek Coal Co. (W. Va.)		
5. Amax Coal Co. Div. American Metal Climax Inc.	4,471,874	
(Ill.) (Strip)	7,293,557	
(Ind.) (6,987,450 Strip)	3,920,490	
(Ky.) (Strip)	32,957	
(Wyo.) (Strip)	661,425	16,380,303
Gibraltar Coal Corp. (Ky. W.) (Strip) (1)		
(1) Owned Jointly with Peabody Coal Co.		
6. United States Steel Corp. (C)	3,095,000	
(Ky. E.) (49,000 Auger)	5,152,900	
(W. Va.) (170,000 Strip)	5,133,500	
(Pa.)	1,783,000	
Southern Dist. (Ala.) (120,000 Strip)	716,000	
Western Dist. (Utah)	374,000	16,254,400
Western Dist. (Colo.)		
7. Bethlehem Mines Corp. (C)	6,371,349	
(Pa.)	3,882,623	
(W. Va.) (1,586,652 Strip) (Part Auger)		
Beth-Elkhorn Corp. (C) (Ky. E.) (550,643 Strip)	3,081,273	13,335,245
(522,419 Auger)		
8. Eastern Associated Coal Corp.	825,443	
(Pa.)	11,702,986	12,528,429
(W. Va.)		
9. North American Coal Corp.	231,998	
(Utah Div. Utah)	1,037,236	
(Lignite Div., N.D.) (Strip)	4,706,702	
(Ohio Div.) (Ohio)	692,485	
(Pennsylvania Div.) (Pa.)	3,072,100	
Florence Mining Co. (Pa.)	709,695	
Helen Mining Co. (Pa.)	185,035	
Oneida Mining Co. (Pa.)	665,058	
Nacco Mining Co. (Ohio)	690,695	11,991,004
Quarto Mining Co. (Ohio)		
10. Old Ben Coal Corp. (Ill.)	6,280,621	
Coal Processing Corp. (Va.)	417,359	
Kings Stations Coal Corp. (Ind.)	950,492	
Old Ben Coal Inc. (Ind.) (Strip)	3,587,438	11,235,910



United States Department of the Interior

MINING ENFORCEMENT AND SAFETY ADMINISTRATION

501 BUSSEY STREET
VINCENNES, INDIANA 47591

December 12, 1975

TO THE OPERATOR OF: Powhatan No. 6 mine
The Nacco Mining Company
Alledonia, Belmont County, Ohio
I.D. #33 01159

Enclosed is a copy of the respirable dust-control plan you submitted for mine I.D. No. 33 01159 in accordance with 30 CFR Section 75.316 of the Regulations. An authorized representative of the Secretary conducted an evaluation of the dust control methods outlined in the plan and the results of that evaluation indicated that, if the dust control procedures are strictly followed, respirable dust levels can be maintained at or below acceptable levels.

Based upon the results of the evaluation and the information submitted, the plan has been approved and shall be reviewed six months from the date of this notification. Any changes or modification which might indicate a lesser degree of respirable dust control, or experimental projects for the purpose of improving respirable dust control, must be approved by the District Manager before they are implemented.

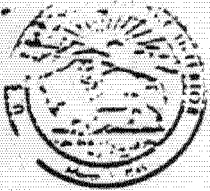
Maurice L. Childs

District Manager
Coal Mine Health and Safety
District 8

Enclosure

cc: Harold Prokes, General Superintendent
Percival Hawkins, Division Safety Director

DEC 17 1975
North American Coal Corporation
Central Division
Powhatan Point, Ohio



United States Department of the Interior

MINING ENFORCEMENT AND SAFETY ADMINISTRATION

501 BUSSERON STREET
VINCENNES, INDIANA 47591

*Given To
Safety Committee
on 1-21-77*

January 4, 1977

Mr. Frank Bouska, Superintendent
The Nacco Mining Company
Powhatan Point, Ohio 43942

Dear Mr. Bouska:

Subject: Six month review of roof-control plan, Powhatan No. 6 mine,
The Nacco Mining Company, Alledonia, Belmont County, Ohio

Your roof-control plan dated November 29, 1976 has been reviewed
and approved on December 29, 1976 in accordance with the Mandatory
Health and Safety Standards, Underground Coal Mines (Sec. 75.200).

Any changes or deviations in the plan (including accessories) without
an approval will be considered a violation of the plan.

Sincerely yours,

Charles W. Rath
Acting District Manager
Coal Mine Health and Safety
District 8

State of Ohio



450 East Town Street
P.O. Box 118
Columbus, Ohio 43216

Department of Health

Belmont County
Nacco Mining Company
Detail Plans of Coal Washing Plant
Plans Received February 12, 1971

July 25, 1972

To the Nacco Mining Company
c/o North American Coal Company
Powhatan Point, Ohio 43942

Gentlemen:

You are hereby notified that the Ohio Department of Health in accordance with the provisions of Section 3701.19, Revised Code of Ohio, has this day approved plans of the referenced project subject to the following conditions:

That the proposed facilities shall be constructed under the supervision of an engineer experienced in such work;

That the Division of Engineering shall be notified, specifically and in writing, as to (a) the construction completion date and (b) the date the facilities were placed into operation;

That additional treatment facilities shall be installed as required to meet established stream water quality standards and to eliminate conditions that may adversely affect the public health;

That a report, which provides a technical appraisal of the results obtained during normal operating conditions of the new facilities, be submitted to the Division of Engineering no later than three months after the new facilities are placed into operation;

That construction of the wastewater treatment facilities shall be completed and ready for operation before the start of the process which generates the wastewater.

This approval is limited to the aspects of the plans related to processing or disposal of wastewater and does not apply to structural and safety requirements.

Page 2

July 25, 1972

To the Nacco Mining Company, c/o North American Coal Company, Powhatan Point, Ohio 4394

Please acknowledge receipt of this letter and state your acceptance of the conditions imposed in this letter and in the Department of Health report on the proposed plans.

Yours truly,

John W. Cashman, M.D.
Director of Health

Copy to Belmont County Health Dept.
" " Southeast District Office

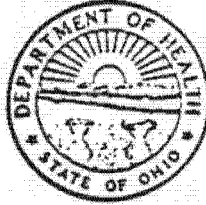
by *Ira L. Whitman*
Ira L. Whitman, Ph.D.
Deputy Director for
Environmental Programs

JOHN J. GILLIGAN, Governor

State of Ohio

JOHN W. CASIMIAN, M.D.
Director of Health

450 East Town Street
P.O. Box 118
Columbus, Ohio 43216



Department of Health

REPORT ON DETAIL PLANS FOR THE DISPOSAL OF INDUSTRIAL WASTE FROM

NORTH AMERICAN COAL CORPORATION SUBSIDIARY HANCO MINING COMPANIES'

COAL CLEANING PREPARATION PLANT WASHINGTON TOWNSHIP, LEBANON COUNTY

Detail plans for the disposal of industrial waste from Hanco Mining Companies' Coal Cleaning Preparation Plant were received February 12, 1971, from Mr. Samuel Warbel, Manager of Mines.

This is a new coal producing complex and the anticipated operational date for the coal washery is January, 1972.

The proposed coal washing system, as it applies to industrial waste products will consist of:

1. Two-stage cyclone separators and a 150 feet diameter thickener for the wastewater - suspended solids mixture.
2. A storage bin for the mine refuse material.

DISPOSAL OF INDUSTRIAL WASTE PRODUCTS

Wastewater discharges from the thickener at the rate of 265 gallons per minute will contain 35 tons per hour of clay-type suspended solids. This mixture will be pumped to slurry ponds behind impoundments to be constructed in the Perkins Run drainage. When the slurry ponds are full they will be covered with soil and the area revegetated.

The mine refuse material will be placed in various topographically favorable sites in the area. Each unit when completed will be covered with soil and planted.

In the event acid drainage occurs, the company will construct a treatment plant on Perkins Run and neutralize all of the drainage.

C. I. Hinds, Jr.
A. P. Hinds, Jr.

on file in
Casper
B. Hinds

Waste products from a similar nearby coal producing complex have not produced an acid effluent.

ESTIMATED COST OF TREATMENT FACILITIES

Costs attributable to equipment required to produce an acceptable slurry and for the construction of sludge settling ponds is estimated to be \$260,000.

RECOMMENDATIONS

Detail plans of Hacco Mining Companies waste disposal facilities are satisfactory and it is recommended they be approved.

Alan E. Wilson, P. E.
Acid Mine Drainage Unit
Engineering Division

AZH: cmc

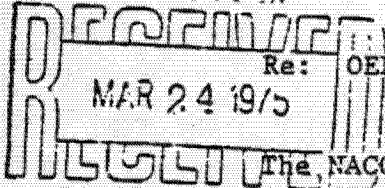
cc: Belmont County Health Department
cc: Southeast District Office
/cc: Hacco Mining Company

Date of Approval:

July 25, 1972

March 21, 1975

THE NORTH AMERICAN COAL CORPORATION
OHIO DIVISION



Re: OEPA Permit No. L 046 *AD

The NACCO Mining Company
C/O The North American Coal Corporation
Powhatan Pt., Ohio 43942



Gentlemen:

James A. Rhodes
Governor
N. E. Williams
Director

Transmitted herewith is one copy of the Public Notice, Fact Sheet and Proposed Permit in the above-referenced matter.

The public has been invited to submit comments regarding this proposed action. If sufficient public interest is indicated, a public meeting will be held. If you desire, you may request an adjudication hearing in the matter of this proposed action.

If no adjudication hearing is requested in this matter by you or by an objector in accordance with the provisions of OEPA Regulation EP-40-13, and after consideration of all written comments received in the 30 day period following the date of public notice and the public meeting record if a public meeting is held, the Director may allow this proposed action to become final on the effective date shown in the proposed permit or may withdraw this proposed action and issue a revised proposed action. The Director may withdraw a proposed action at any time before the proposed action becomes final.

If you wish to challenge this proposed action, you may request an adjudication hearing within thirty (30) days of the mailing of this proposed action. At such hearing, you may appear in person, or be represented by an attorney, or such other representative as is permitted to practice before this Agency, or you may present your position, arguments, or contentions in writing; you may also present evidence at the hearing and examine witnesses appearing for and against you. Requests for hearing shall specify the issues of fact and law to be contested. Any such request for hearing must be sent to the Hearing Clerk, Ohio Environmental Protection Agency.

You should note that a general condition of your permit states that issuance of an NPDES permit does not relieve you of the duty of complying with all applicable Federal, State and local laws, ordinances, and regulations.

Sincerely,

Ralph W. Everett, Chief
NPDES Permit Records Section

Certified Mail

OEPA Permit No.: L 046 *AD

Effective Date: June 30, 1975

National Pollutant Discharge Elimination System (NPDES) Permit Program

PUBLIC NOTICE

Proposed NPDES Permit to Discharge to State Waters

Ohio Environmental Protection Agency
P.O. Box 1049
361 East Broad Street
Columbus, Ohio 43216
614-466-4891

Public Notice No. OEPA-75-04-014
Date of Issue of Public Notice: April 3, 1975

Name and Address of Applicant: The NACCO Mining Company, C/O The North American Coal Corporation, Powhatan Point, Ohio 43942

Name and Address of Facility where Discharge Occurs: The NACCO Mining Company, Washington Township, Belmont County, Ohio

Receiving Water: Perkins Run and Captina Creek

NOTICE: The above named applicant has applied for a NPDES permit to discharge into the designated receiving water. The permit will be issued by the Ohio Environmental Protection Agency. This applicant mines and prepares Bituminous Coal and has 2 existing discharge points. The current operations of this discharger result in an average effluent flow of 501,500 gallons per day. Key parameters to be limited in the proposed permit are as follows: Total Suspended Solids, Total Iron, Total Alkalinity, Total Acidity, Residual Chlorine, Biochemical Oxygen Demand, Fecal Coliform, Turbidity, Odor and Color

OEPA Permit No.: L 046 *AD

Public Notice No.: OEPA-75-04-014

On the basis of preliminary staff review and application of standards and regulations, the Director of the Ohio Environmental Protection Agency proposes to issue a permit for the discharge subject to certain effluent conditions and special conditions. The proposed determination is tentative but shall become final on the effective date unless (1) an adjudication hearing is requested or (2) the Director withdraws and revises the proposed permit after consideration for the record of a public meeting or written comments, or upon disapproval by the Administrator of the U.S. Environmental Protection Agency. Any person may submit a written statement within thirty days of the date of the Public Notice as to why the Director should revise the proposed action. If significant public interest is shown a public meeting may be held on motion of the Director prior to final issuance of the permit. Following final action by the Director, any party has the right to appeal to the Environmental Board of Review.

Interested persons are invited to submit written comments upon the proposed discharge permit. Comments should be submitted in person or by mail no later than 30 days after the date of this Public Notice. Deliver or mail all comments to:

NPDES Permit Section
Ohio Environmental Protection Agency
P.O. Box 1049
361 East Broad Street
Columbus, Ohio 43216

The OEPA permit number and Public Notice numbers should appear next to the above address on the envelope and on each page of any submitted comments. All comments received no later than 30 days after the date of this Public Notice will be considered in the formulation of final determination.

The applications, fact sheets, proposed permit including proposed effluent limitations, special conditions, comments received and other documents are available for inspection and may be copied at a cost of 15 cents per page at the Ohio Environmental Protection Agency at the address shown above any time between the hours of 8:00 a.m. to 4:30 p.m., Monday through Friday. Copies of the Public Notice are available at no charge at the same address.

Mailing lists are maintained for persons or groups who desire to receive Public Notice for all applications in the state or for certain geographical areas. Persons or groups may also request copies of fact sheets, applications or other documents pertaining to specific applications. Persons or groups may have their names put on such a list by making a written request to the Agency at the address shown above.